AMENDMENTS TO THE CLAIMS

Please replace all prior versions and listings of claims with the following Listing of Claims. Claims 1-3, 5-7, and 9 are pending.

Listing of Claims

1. (Previously Presented) A glucose-solasodine conjugate of the general formula I

$$R_1O$$
 R_2O
 R_2O
 R_1O
 R_2O
 R_2O

wherein each of R_1 and R_2 are the same or different and represents a benzoyl or a pivaloyl group.

2. (Previously Presented) A method for the preparation of the glucose – solasodine conjugate comprising the reaction of solasodine with tetra-O-benzoyl-α-D-glucopyranosyl bromide, tetra-O-acetyl-α-D-glucopyranosyl bromide or tetra-O-pivaloyl-α-D-glucopyranosyl bromide;

followed by optionally de-protecting the obtained glycoside to yield a compound of the formula V

and reesterification of the most reactive hydroxyl groups (OH-3 and OH-6) to yield a compound of the formula IIa

wherein R₂ is selected from pivaloyl or acetyl

3. (Currently Amended) A method for the preparation of solamargine comprising the reaction of solasodine with tetra-O-benzoyl-α-D-glucopyranosyl bromide, tetra-O-acetyl-α-D-glucopyranosyl bromide or tetra-O-pivaloyl-α-D-glucopyranosyl bromide:

followed by optionally de-protecting the obtained glycoside to yield a compound of the formula V

and reesterification of the most reactive hydroxyl groups (OH-3 and OH-6) to yield a compound of the formula IIa

wherein R₂ is pivaloyl and

the glycosylation of the diol of formula IIa, where in R_2 is pivaloyl, with tri-O-benzoyl- α -L-rhamnopyranosyl bromide or tri-O-pivaloyl- α -L-rhamnopyranosyl trichloroacetimidate-to yield protected solamargine of formula III (1) which is de-esterified to yield solamargine of formula III (2)

Application No. 10/783,821 Response dated October 14, 2008 Responds to April 11, 2008 Non-Final Office Action

$$\begin{array}{c} & & & \\ & &$$

- (1) R_1 =Piv and R_2 = Benzoyl or Pivaloyl
- (2) $R_1 = R_2 = H$
- 4. (Canceled)
- 5. (Currently Amended) The method according to claim 2 or 4, wherein the glycosylation reaction is carried out in the presence of a promoter selected from silver trifluoromethane sulfonate (silver triflate), boron trifluoride diethyl etherate, trimethylsilyl triflate bromide, N-iodosuccinimide or dimethyl thiomethyl sulfonium triflate, silver trifluoromethyltriflate.
- 6. (Original) The method of claim 2, wherein the protected glycoside is deprotected in methanol-dichloromethane solution by treatment with sodium methoxide, followed by neutralization with solid CO₂ or mild acid ion-exchange resin.
- 7. (Original) The method of claim 2, wherein the most reactive hydroxyl groups (OH-3 and OH-6) are protected by reesterification with pivaloyl chloride in pyridine solution.

Application No. 10/783,821 Response dated October 14, 2008 Responds to April 11, 2008 Non-Final Office Action

8. (Canceled)

9. (Original) The method of claim 3, wherein the protected solamargine is de-esterified by treatment with a base selected from sodium methoxide or sodium hydroxide in methanol-dichloromethane solution or a methanol-tetrahydrofuran-water mixture followed by neutralization with solid CO₂ or mild acid ion-exchange resin.